

Title (en)
HOT CATHODE

Publication
EP 0005279 A3 19791212 (DE)

Application
EP 79200056 A 19790202

Priority
CH 489078 A 19780505

Abstract (en)
[origin: US4274030A] A reaction thermionic cathode of the diffusion type on the basis of an activated high-temperature support metal doped with a diffusion-promoting additive for the activator substance, provided with a barrier layer inhibiting the self-diffusion of this additive in an undesired direction.

IPC 1-7
H01J 1/28; **H01J 1/14**

IPC 8 full level
H01J 1/14 (2006.01); **H01J 1/15** (2006.01); **H01J 1/28** (2006.01)

CPC (source: EP US)
H01J 1/14 (2013.01 - EP US); **H01J 1/28** (2013.01 - EP US)

Citation (search report)

- [AD] DE 2454569 A1 19760429 - BBC BROWN BOVERI & CIE
- [A] FR 1381553 A 19641214 - THOMSON HOUSTON COMP FRANCAISE
- [A] FR 1555031 A 19690124

Cited by
EP0013201A1; FR2425144A1; EP0019992A1; EP0685868A1; US5757115A

Designated contracting state (EPC)
DE FR GB NL

DOCDB simple family (publication)
EP 0005279 A2 19791114; **EP 0005279 A3 19791212**; **EP 0005279 B1 19810701**; AT 367567 B 19820712; AT A82879 A 19811115; CH 629033 A5 19820331; DE 2822614 A1 19791108; DE 2960432 D1 19811008; JP S54146951 A 19791116; US 4274030 A 19810616

DOCDB simple family (application)
EP 79200056 A 19790202; AT 82879 A 19790205; CH 489078 A 19780505; DE 2822614 A 19780524; DE 2960432 T 19790202; JP 5094479 A 19790426; US 2664979 A 19790403